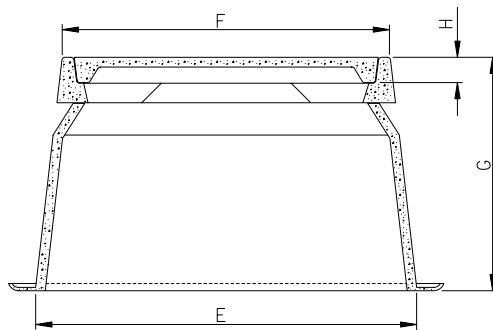
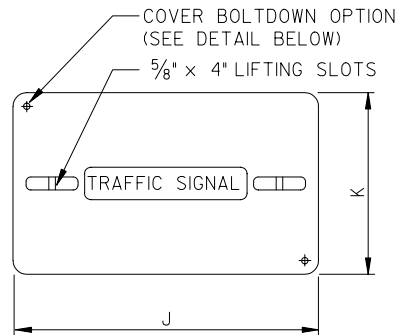


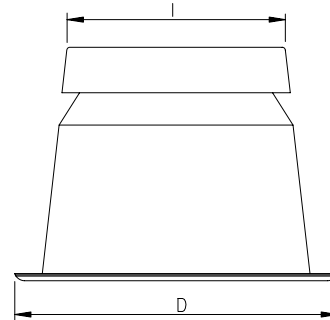
PULL BOX PLAN



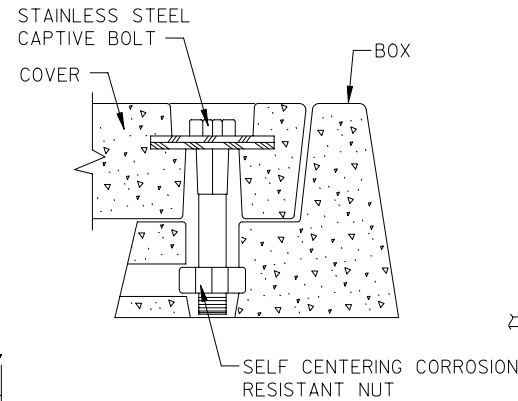
PULL BOX SECTION



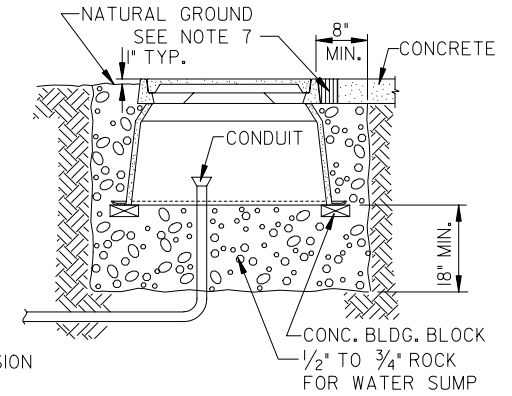
COVER VIEW



SIDE VIEW



BOLTDOWN DETAIL



INSTALLATION DETAIL

### GENERAL NOTES

1. BOX AND COVER SHALL BE CONCRETE OR COMPOSITE.
2. COVERS SHALL BE SECURED WITH  $\frac{3}{8}$ " BOLTS, NUTS & WASHERS, WHICH SHALL BE OF BRASS, STAINLESS STEEL OR OTHER CORROSION RESISTANT MATERIAL. STAINLESS STEEL SHALL HAVE A CHROMIUM CONTENT OF NOT LESS THAN 18 % AND A NICKEL CONTENT OF NOT LESS THAN 8 %.
3. COVER LETTERING SHALL BE  $\frac{1}{2}$ " MINIMUM LETTERS CAST IN STANDARD MARKINGS: (TRAFFIC SIGNAL).
4. CONDUIT ENTERING THE BOX SHALL HAVE A 90 DEGREE LONG RADIUS BEND (INSIDE THE BOX). THE CONDUIT'S OPENING, INSIDE THE BOX, SHALL BE AT LEAST 4" BELOW THE LID, OPENING SHALL HAVE SMOOTH EDGE. IF THE CONDUIT IS P.V.C., A SLIP COUPLING MUST BE USED. IF THE CONDUIT IS RIGID PIPE, A PROTECTIVE BUSHING SHALL BE USED.
5. CONDUCTORS SHALL HAVE A MINIMUM OF 24" SLACK FROM CONDUIT BELL END.
6. BACKFILL WITH EXCAVATED MATERIAL AND THOROUGHLY COMPACT.
7. WHERE PULLBOXES ARE INSTALLED IN CONCRETE AREAS,  $\frac{1}{2}$ " PREMOLDED EXPANSION JOINT SHALL BE INSTALLED AROUND THE PULL BOX.

PULL BOX TYPE	A	B	C	D	E	F	G	H	I	J	K
3 1/2	15 9/16"	23 3/4"	10 5/16"	18 1/2"	21 1/4"	17 1/16"	12"	1 3/4"	11 13/16"	15 3/8"	10 1/8"
5	23 1/2"	33 1/2"	14"	24"	29 1/4"	25 1/4"	12"	2"	15 3/4"	23 1/4"	13 3/4"
7	30 3/4"	40 3/4"	17 3/4"	27 3/4"	36 3/4"	32 1/2"	12"	2"	19 1/2"	30 1/2"	17 1/2"

ORIGINAL SIGNATURE ON FILE  
AT THE CITY OF TEMPE

APPROVED: \_\_\_\_\_ CITY ENGINEER \_\_\_\_\_ DATE \_\_\_\_\_



CITY OF TEMPE  
PUBLIC WORKS DEPARTMENT

TRAFFIC SIGNAL PULL BOXES

DETAIL T-453  
REVISED 1998